

1.

## SEQUENCE LISTING

<110> The University of Melbourne  
<120> Antimicrobial Composition  
<130> WJP PJXC 03 1377 3773  
<160> 10  
<170> PatentIn version 3.3  
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<211> 21  
<212> PRT  
<213> Bovine  
<221> MOD\_RES  
<222> (12)..(12)  
<223> PHOSPHORYLATION  
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Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala Ser Pro Glu Val Ile  
1 5 10 15  
Glu Ser Pro Pro Glu  
20

<210> 2  
<211> 21  
<212> PRT  
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<221> MOD\_RES  
<222> (12)..(12)  
<223> PHOSPHORYLATION  
<400> 2

Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp Ser Pro Glu Val Ile  
1 5 10 15  
Glu Ser Pro Pro Glu  
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<210> 3  
<211> 64  
<212> PRT  
<213> bovine  
<221> MOD\_RES  
<222> (44)..(44)  
<223> PHOSPHORYLATION  
<400> 3

Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr  
1 5 10 15  
Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr Ile Glu  
20 25 30  
Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala Ser Pro Glu Val Ile  
35 40 45  
Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr Ser Thr Ala Val  
50 55 60

<210> 4  
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<222> (22)..(22)  
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<223> PHOSPHORYLATION  
<400> 4

Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr

1                   5                   10                   15  
 Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr Ile Glu  
       20           25                   30  
 Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala Ser Pro Glu Val Ile  
       35           40                   45  
 Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr Ser Thr Ala Val  
       50           55                   60

<210> 5  
<211> 64  
<212> PRT  
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<221> MOD\_RES  
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<223> PHOSPHORYLATION  
<400> 5

Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr  
 1           5                   10                   15  
 Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr Thr Glu  
       20           25                   30  
 Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp Ser Pro Glu Val Ile  
       35           40                   45  
 Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr Ser Thr Ala Val  
       50           55                   60

<210> 6  
<211> 64  
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<221> MOD\_RES  
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<222> (44)..(44)  
<223> PHOSPHORYLATION  
<400> 6

Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr  
 1           5                   10                   15  
 Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr Thr Glu  
       20           25                   30  
 Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp Ser Pro Glu Val Ile  
       35           40                   45  
 Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr Ser Thr Ala Val  
       50           55                   60

<210> 7  
<211> 53  
<212> PRT  
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<221> MOD\_RES  
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<223> PHOSPHORYLATION  
<400> 7

Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser  
 1           5                   10                   15  
 Thr Pro Thr Ile Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala  
       20           25                   30  
 Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val  
       35           40                   45  
 Thr Ser Thr Ala Val  
       50

<210> 8  
<211> 53

<212> PRT  
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<221> MOD\_RES  
<222> (11)..(11)  
<223> PHOSPHORYLATION  
<221> MOD\_RES  
<222> (33)..(33)  
<223> PHOSPHORYLATION  
<400> 8

Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser  
1 5 10 15  
Thr Pro Thr Ile Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala  
20 25 30  
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val  
35 40 45  
Thr Ser Thr Ala Val  
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<210> 9  
<211> 53  
<212> PRT  
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<221> MOD\_RES  
<222> (33)..(33)  
<223> PHOSPHORYLATION  
<400> 9

Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser  
1 5 10 15  
Thr Pro Thr Thr Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp  
20 25 30  
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val  
35 40 45  
Thr Ser Thr Ala Val  
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<210> 10  
<211> 53  
<212> PRT  
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<221> MOD\_RES  
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<222> (33)..(33)  
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Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser  
1 5 10 15  
Thr Pro Thr Thr Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp  
20 25 30  
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val  
35 40 45  
Thr Ser Thr Ala Val  
50